

PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
23275.NPSERIAL NO.
10/817,019

APPLICANT Larry L. Howell, et al.

FILING DATE
April 1, 2004GROUP
3764

LIST OF PRIOR ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	A1	192,338	6/26/1877	Marshall			
	A2	3,708,167	1/2/1973	Potgieter			
	A3	3,981,500	9/21/76	Ryan			
	A4	4,620,704	11/4/86	Shifferaw			
	A5	4,725,057	2/16/88	Shifferaw			
	A6	4,848,740	7/18/89	VanDerHoeven			
	A7	4,949,958	8/21/1990	Richey			
	A8	5,004,226	4/2/91	Brown, Jr.			
	A9	5,029,850	7/9/91	Van Straaten			
	A10	5,123,886	6/23/92	Cook			
	A11	5,211,617	5/18/93	Millen			
	A12	5,649,454	7/22/97	Midha, et al.			
	A13	5,813,953	9/29/98	Whipple			
	A14	6,115,242	9/5/2000	Lambrecht			
	A15	6,123,557	9/26/2000	Wang, et al.			
AL	A16	6,135,801	10/24/2000	Helot, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A17						
	A18						
	A19						
	A20						
	A21						

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

AL	A22	Millar, A. J., Howell, L. L., and Leonard, J. N.; DESIGN AND EVALUATION OF COMPLIANT CONSTANT-FORCE MECHANISMS; Proceedings of the 1996 ASME Design Engineering Technical Conferences and Computers in Engineering Conference, August, 1996; DETC2002/MECH-34206.
AL	A23	Weight, B. L., Magleby, S. P., and Howell, L. L.; SELECTION OF COMPLIANT CONSTANT-FORCE MECHANISMS BASED ON STRESS AND FORCE CRITERIA; Proceedings of DETC '02 ASME 2002 Design Engineering Technical Conferences and Computers and Information in Engineering Conference, Sept., 2002; DETC2002/MECH-34206.

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	A24	
EXAMINER <i>Allama Sheri</i>	DATE CONSIDERED 12.15.2005	
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APPLICANT Larry L. Howell, et al.

FILING DATE
04/01/04GROUP
3764

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	A1	5,399,139	03/21/95	Malynowsky			
AL	A2	4,257,590	03/24/81	Sullivan et al.			
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						
	A12						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A13						
	A14						
	A15						
	A16						
	A17						

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	A18	
	A19	
	A20	

EXAMINER

Alloma *Alvina*

DATE CONSIDERED

12.15.2005

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